

APPROVAL AND CERTIFICATION CENTER
9B APPROVALS

| <u>APPROVAL NO.</u> | <u>COMPANY</u> | <u>ISSUE DATE</u> | <u>DESCRIPTION</u> |
|---------------------|---|-------------------|---|
| 9B-31 | NORTH AMERICAN PHILIPS CORP | 01/22/73 | LFH/0085/54, 9 VDC, BATTERY-POWERED POCKET MEMO |
| 9B-32 | U. S. BUREAU OF MINES | 03/06/73 | 12 VDC, MINE COMMUNICATIONS SYSTEM CONTAINING A CARRIER TRANSCIVER, RECEIVING COIL WITH PREAMPLIFIER, SPEAKER AND MICROPHONE, COUPLING BOX, BATTERY BOX, AND TRANSMITTING LOOP |
| 9B-33 | MINE SAFETY APPLIANCES CO | 01/26/73 | 12 VDC, BATTERY-POWERED WARNING DEVICE SYSTEM |
| 9B-34 | GULTON IND. TRANSFERRED TO FEMCO, DIV. OF GAITRONICS | 04/11/75 | MODEL 741301, 12 VDC, LOUDSPEAKING MINE TELEPHONE |
| 9B-35 RESCINDED | RESEARCH ELEC- TRONICS, INC | 03/26/73 | 2.7 VDC, BATTERY-POWERED VIP POCKET PAGER |
| 9B-36 | PYOTT-BOONE | 03/20/73 | 12 VDC, BATTERY-POWERED GK- SERIES LOCAL HEAT DETECTION SYSTEM |
| 9B-37 | PYOTT-BOONE | 07/18/73 | MODEL GK-10400-A, 24 VDC, BATTERY-POWERED MINE PAGE PHONE |
| 9B-38 | GENERAL RADIO | 06/27/73 | 7.5 VDC, BATTERY-POWERED 1935 CASSETTE DATA RECORDER |
| 9B-39 | NORTH AMERICAN PHILIPS CORP | 01/16/74 | LFH0088/51, 9VDC, BATTERY- POWERED DICTATION MACHINE |
| 9B-40 | NORTH AMERICAN PHILIPS CORP | 01/16/74 | LFH0095/54, 9 VDC, BATTERY- POWERED POCKET MEMO |

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| 9B-41 | MOTOROLA, INC | 03/25/74 | MH70, 15 VDC, BATTERY-POWERED TWO-WAY PORTABLE RADIO |
| 9B-42 | MOTOROLA, INC | 03/25/74 | 15 VDC, BATTERY-POWERED FM TWO-WAY PORTABLE RADIO |
| 9B-43 | GAI-TRONICS | 08/21/74 | MODEL 491, 12 VDC, BATTERY-POWERED MINE DIAL/PAGE PHONE |
| 9B-44 RESCINDED | JABCO, INC | 05/30/74 | PP-103, PM-103, PP-105 BATTERY-POWERED PAGE PHONES |
| 9B-45 | JABCO, INC | 06/03/74 | PT-101 BATTERY-POWERED PAGE PHONE TESTER |
| 9B-46 | RCA | 07/29/74 | TACTEC VHF, 12 VDC, BATTERY-POWERED PORTABLE TWO-WAY RADIO |
| 9B-47 | RCA | 07/29/74 | TACTEC VHF, 12 VDC, BATTERY-POWERED PORTABLE TWO-WAY RADIO |
| 9B-48 | JEFFREY MINING MACHINERY | 08/20/74 | MODEL JMI-1, 6 VDC, BATTERY-POWERED TRANSMITTER AND RECEIVER |
| 9B-49 | JABCO, INC | 08/20/74 | JG-107, 12 VDC, BATTERY-POWERED AUDIO ALARM FIRE SENSING UNIT |
| 9B-50 | CHEMICAL SERVICES ENGINEERS | 09/19/74 | MODEL 120, 12 VDC, BATTERY-POWERED PAGE PHONE |
| 9B-51 | TEL-E-LECT, INC | 11/13/74 | TELE-TROLL, 6 VDC, BATTERY-POWERED TRANSMITTER AND RECEIVER |
| 9B-52 | DICTAPHONE CORP | 02/24/75 | DICTAPHONE 10, 9 VDC, BATTERY- |

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| | | | POWERED CASSETTE RECORDER |
| 9B-53 | DENVER MINING RESEARCH CENTER | 03/10/75 | 6 VDC, BATTERY-POWERED DATA ACQUISITION AND TELEMETRY UNIT FOR MICROSEISMIC ROOF FALL WARNING SYSTEM |
| 9B-54 RESCINDED | CSE CORPORATION | 02/27/75 | MODEL 12, 12 VDC, BATTERY- POWERED PAGER EXTENDER |
| 9B-55 | STANDARD COMMUN- ICATIONS CORP | 04/18/75 | MODEL SR-C 730L50, 12 VDC, HAND-HELD TRANSCEIVERS |
| 9B-56 | STANDARD COMMUN- ICATIONS CORP | 04/25/75 | MODEL SR-C 830L30, 12 VDC, HAND-HELD TRANSCEIVERS |
| 9B-57 | STANDARD COMMUN- ICATIONS CORP | 04/25/75 | MODEL SR-C 830S50, 12 VDC, HAND-HELD TRANSCEIVERS |
| 9B-58 | GULTON INDUSTRIES TRANSFERRED TO FEMCO, DIV OF GAITRONICS | 05/23/75 | MODEL 741901, 2.7 VDC, BATTERY-POWERED POCKET PAGER |
| 9B-59 | MOTOROLA, INC | 06/18/75 | "TRITON", 12.5 VDC, BATTERY- POWERED MARINE PORTABLE TWO-WAY RADIO |
| 9B-60 | PYOTT-BOONE | 07/07/75 | 9 VDC, BATTERY-POWERED PAGE PHONE ACTIVATOR |
| 9B-61 | PYOTT-BOONE | 02/06/76 | MODEL 304A, 24 VDC, BATTERY- POWERED MINE PAGE PHONE |
| 9B-62 | LEE ENGINEERING | 09/24/75 | 4 VDC, BATTERY-POWERED |

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| | DIVISION | | LONGWALL RADIO REMOTE CONTROL TRANSMITTER |
| 9B-63 | LANIER BUSINESS PRODUCTS | 12/23/75 | LANIER MICROSETTE 60, 3 VDC, BATTERY-POWERED PORTABLE DICTATING MACHINE |
| 9B-64 | CRAIG CORP | 02/18/76 | MODEL 2625, 5 VDC, BATTERY-POWERED CASSETTE RECORDER |
| 9B-65 | ROCKWELL INTERNATIONAL | 03/16/76 | 59D-1, 8 VDC, BATTERY-POWERED CALL ALERT TRANSMITTER AND RECEIVER |
| 9B-66 | MOTOROLA COMMUNICATIONS DIV | 03/26/76 | MX300 SERIES, 8.4 VDC, BATTERY-POWERED "HANDIE-TALKIE" PORTABLE RADIO |
| 9B-67 | DAVID CLARK CO | 06/10/76 | MODELS 800 SM-A, 800SB-A AND 900 SB-A, SOUND POWERED HEADSETS |
| 9B-68 | MOTOROLA COMMUNICATIONS AND ELECTRONICS, INC | 07/02/76 | MODEL SP820821, 12 VDC, BATTERY-POWERED PORTABLE DUPLEX REPEATER RADIO |
| 9B-69 | MOTOROLA, INC | 10/15/76 | DIRECTOR (GBC), 2.4 VDC, BATTERY-POWERED DIRECTOR (GBC) AND BATTERY-POWERED PAGEBOY II (FNC) SERIES RADIO PAGER |
| 9B-70 | MOTOROLA, INC | 10/15/76 | PAGEBOY II (FNC), 2.4 VDC, BATTERY-POWERED DIRECTOR (GBC) AND BATTERY-POWERED PAGEBOY II (FNC) SERIES RADIO PAGER |

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| 9B-71 | CONTROL CORP | 10/07/76 | 12 VDC, BATTERY-POWERED LOUDMOUTH TELEPHONE |
| 9B-72 | HARRIS CORP | 12/30/76 | MODELS RF-2820 AND RF-2840, 15 VDC, BATTERY-POWERED VHF AND UHF "PORTABLE RADIOS" |
| 9B-73 | HARRIS CORP | 12/30/76 | MODELS RF-2828 AND RF-2848, 15 VDC, BATTERY-POWERED VHF AND UHF PORTABLE RADIOS |
| 9B-74 | SONY CORP | 05/26/77 | MODEL M-101, 2 VDC, BATTERY-POWERED TAPE RECORDER |
| 9B-75 | EICKHOFF-NATIONAL MINE COMPANY | 05/26/77 | MODEL 8SD6, 12 VDC, BATTERY-POWERED TAPE RECORDER |
| 9B-76 | FEMCO DIVISIONS, GULTON INDUSTRIES TRANSFERRED TO FEMCO, DIV OF GAITRONICS | 05/31/77 | SERIES 691301, 24 VDC, BATTERY-POWERED LOUDSPEAKING MINE TELEPHONES |
| 9B-77 | JABCO, INC | 06/03/77 | MODELS PP-103, PP-103H, AND PP-105, 24 VDC, BATTERY-POWERED PAGE PHONES |
| 9B-78 | JABCO, INC | 06/03/77 | MODEL LP-103, 12 VDC, BATTERY-POWERED PAGE PHONE |
| 9B-79 | JABCO, INC | 06/03/77 | MODEL PP-103L, 24 VDC, BATTERY-POWERED PAGE PHONE |
| 9B-80 | FEMCO DIVISIONS, GULTON INDUSTRIES | 08/31/77 | MODELS 701301/001, 701301/002 701301/101, AND 701301/102, |

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| DIV OF | TRANSFERRED TO GAITRONICS | 24 VDC, BATTERY-POWERED PERMISSIBLE ALARMS | FEMCO, |
| 9B-81 | DICTAPHONE CORP | 08/01/77 | MODEL 220, 6 VDC, CASSETTE RECORDER |
| 9B-82 | MOTOROLA, INC | 08/25/77 | MODEL MT500, 15 VDC, BATTERY- POWERED "HANDIE-TALKIE" PORTABLE RADIO |
| 9B-83 | PREISER/MINECO | 05/24/78 | MODEL 9176, 24 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-84 | MOOG, INC | 12/01/77 | MODELS 101 AND 120, 4 VDC, BATTERY-POWERED MINING MACHINE RADIO REMOTE CONTROL SYSTEM |
| 9B-85 | MINE SAFETY APPLIANCES CO | 11/29/77 | PAGE III, 12 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-86 | NORTH AMERICAN PHILIPS CORP | 03/06/78 | MODEL LFH0185, 9 VDC, TAPE RECORDER POWERED BY A MALLORY ALKALINE DURACELL MN1640 OR NEDA 1604 BATTERY |
| 9B-87 | PACE DIVISION, PATHCOM, INC | 07/11/78 | MODEL FM-152, 12 VDC, HAND- HELD VHF RADIO TRANSCEIVER, POWERED BY EIGHT SIZE "AA" CARBON-ZINC CELLS, NEDA 15, 15P, OR 15F, OR EIGHT SIZE "AA" ALKALINE CELLS, NEDA 15A |
| 9B-88 | GULTON INDUSTRIES FEMCO DIVISIONS | 05/22/78 | MODEL NOS. 701301/701 AND 701301/702, 12 VDC BATTERY- |

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| | TRANSFERRED TO FEMCO, DIV OF GAITRONICS | | POWERED PERMISSIBLE ALARM II |
| 9B-90 | SOUND POWERED COMMUNICATIONS | 07/11/78 | MODELS SPT-125, SPT-148, SPT- 125S AND SPT-148S, SOUND POWERED TELEPHONES |
| 9B-92 | GULTON INDUSTRIES FEMCO DIVISION TRANSFERRED TO FEMCO, DIV OF GAITRONICS | 10/31/78 | MODEL NOS. 741301/703 AND 741301/706, 12 VDC, BATTERY- OPERATED LOUDSPEAKING MINE TELEPHONE (DESK SET) |
| 9B-93 | CSE CORP | 12/11/78 | MODELS 123 AND 124, 12 VDC, BATTERY-POWERED MINE TELEPHONE |
| 9B-94 | CSE CORP | 01/24/79 | MODEL 126, 12 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-95 | CSE CORP | 01/31/79 | MODEL 243, 24 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-96 | LEE ENGINEERING DIV OF CONSOLID- ATION COAL CO | 01/31/79 | MODEL SSB R-1, KHZ, 4 VDC CAP LAMP BATTERY, HAND-HELD TRANSCIVER |
| 9B-97 | APPALACHIAN ELECTRONIC INSTRUMENTS | 02/07/79 | MODELS 101, 102, AND 103, 24 VDC, BATTERY-POWERED MINE TELEPHONE |
| 9B-98 | CONTROL CORP | 03/28/79 | MODEL LM-104 LOUDMOUTH VISUAL TRANSMITTER, 12 VDC AND MODEL LM- 105 LOUDMOUTH VISUAL RECEIVER |
| 9B-99 | LANIER BUSINESS | 03/07/79 | MODEL MS-105, 3 VDC, TAPE |

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| | PRODUCTS | | RECORDER |
| 9B-100 | LEE ENGINEERING DIV OF CONSOLID- ATION COAL CO TRANSFERRED TO DOWTY; TRANSFERRED TO JOY | 03/28/79 | MODEL KD-100 ISC, 12 VDC, BATTERY-POWERED VISUAL ALARM |
| 9B-101 | LANIER BUSINESS PRODUCTS | 03/27/79 | MODEL AL/C-1, 6 VDC, BATTERY-POWERED TAPE RECORDER |
| 9B-102 | PYOTT-BOONE | 05/17/79 | MODEL 112, 12 VDC, BATTERY- POWERED RADIO CONTROL SYSTEM |
| 9B-103 | ANDERSON STRATHCLYDE LTD TRANS TO LONG AIRDOX LTD. | 04/19/79 | TYPE CS12, 12 VDC, BATTERY- POWERED RADIO CONTROL SYSTEM |
| 9B-104 | CONTROL CORP | 05/24/79 | MODEL LM-101-1, 24 VDC, BATTERY- POWERED LOUDMOUTH PAGING MINE TELEPHONE |
| 9B-105 | CONTROL CORP | 06/07/79 | MODEL CU111, 12 VDC, BATTERY- POWERED MINE TELEPHONE SWITCHBOARD |
| 9B-106 | SONAR RADIO CORP | 06/07/79 | MODELS SP2518/2519 AND SP- 2518/2519 SENATOR, 2.5 VDC, 225 MAH, NICKEL-CADMIUM BATTERY OR 2.8 VDC, MERCURY BATTERY, PAGING RECEIVERS AND TRANSMITTERS |
| 9B-107 | U. S. BUREAU OF MINES | 05/24/79 | 6/6/+ 14 VDC, BATTERY- POWERED MICROSEISMIC ROOF FALL WARNING SYSTEM AND FUNCTIONAL TEST SET |

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| 9B-108 RESCINDED | ECKO, INC | 05/24/79 | MODEL 104A, 22.5/12 VDC, BATTERY-POWERED PAGING MINE TELEPHONE |
| 9B-109 | MOOG, INC | 07/30/79 | ASSEMBLY NO. A36111, 4 VDC, SENDING UNIT AND MODEL 127-168 RECEIVER UNIT, RADIO CONTROL SYSTEM |
| 9B-110 | GENERAL ELECTRIC | 05/01/80 | MODEL PE45, 7.5 VDC, BATTERY- POWERED GREEN LABEL RADIO |
| 9B-111 | GENERAL ELECTRIC | 01/29/81 | MODEL PE56, 7.5 VDC, BATTERY- POWERED GREEN LABEL RADIO |
| 9B-112 | REMIC CORP | 09/18/79 | MODEL NOS. 7700E, 7700N, 7700ES, 7700F, 78001, 7800H, 7800HL, 7800P, 7800B, AND 7700NS HAT-COM, 9 VDC, BATTERY-POWERED HAND-HELD TRANSCEIVERS |
| 9B-113 | NORTH AMERICAN | 08/29/79 | MODEL NT-1, 9 VDC, BATTERY- PHILIPS CORP POWERED TAPE RECORDER |
| 9B-114 | JABCO, INC | 09/27/79 | MODEL UP-122, 12 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-115 | JABCO, INC | 10/01/79 | MODEL LP-112, 12 VDC, BATTERY- POWERED MINE TELEPHONE |
| 9B-116 | JABCO, INC | 09/27/79 | MODEL UP-124 AND UP-124M, 24 VDC, BATTERY-POWERED MINE TELEPHONE |
| 9B-117 | WESTERN ELECTRIC | 11/07/79 | MODEL 537A, 12 VDC, BATTERY- |

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| | | | POWERED MINE TELEPHONE |
| 9B-118 | JABCO, INC | 12/07/79 | MODEL DP-112, 12 VDC, BATTERY-POWERED "CHAMP" DESK PAGER MINE TELEPHONE |
| 9B-119 | AMERICAN MINE RESEARCH, INC | 12/21/79 | MODEL CD-700, 9 VDC, BATTERY-POWERED CABLE FAULT DETECTOR |
| 9B-120 | MINE SAFETY | 02/26/80 | MODEL NO. IV, 12 VDC, APPLIANCES BATTERY-POWERED MINE TELEPHONE |
| 9B-121 | CONTROL CORP | 06/17/80 | MODEL CU109, 12 VDC, BATTERY-POWERED REPEATER |
| 9B-122 | CONTROL CORP | 05/14/80 | MODEL LM105, 12 VDC, BATTERY-POWERED FIVE-MINUTE PAGE DETECTOR |
| 9B-123 | PYOTT-BOONE | 06/04/80 | MODEL NOS. 630 AND 631, 12 VDC, BATTERY-POWERED MULTIGUARD FAN MONITOR |
| 9B-124 | NAGRA MAGNETIC RECORDERS, INC | 06/30/80 | MODEL SNN, 3 VDC, BATTERY-POWERED TAPE RECORDER |
| 9B-125 | CONTROL CORP | 09/18/80 | MODEL ME1511, 12.0 AND 12.6 VDC, BATTERY-POWERED CABLE FAULT DETECTOR |
| 9B-126 | DERBY AUTOMATION CONSULTANTS LTD | 08/25/80 | MODEL NO. 022-02-0009, 7.5 VDC, BATTERY-POWERED INTRINSICALLY SAFE TELEPHONE WITH MODEL 047-02-0087 SURFACE INTERFACE |

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| 9B-127 | HARRISON R. COOPER ASSOCIATES | 09/26/80 | TUNNEL-COM FM, 12 VDC, BATTERY-POWERED WIRELESS COMMUNICATION UNIT |
| 9B-128 | CONTROL CORP | 10/29/80 | MODEL NO. LM109, PART NO. LM1533 TRANSMITTER AND MODEL LM110, PART NO. LM1534 RECEIVER, BATTERY- POWERED |
| 9B-129 | CONTROL CORP | 05/26/81 | MODEL MM105, 12 VDC, BATTERY- POWERED PORTABLE MOTORMOUTH CARRIER UNIT |
| 9B-130 | MINING PROGRESS TRANSFERRED TO WESTFALIA MINING PROGRESS TRANSFERRED TO MTA | 10/22/81 | MODEL EC-115, 6 VDC, SELF- POWERED INDICATOR LIGHT |
| 9B-131 | MINE SAFETY APPLIANCES CO | 12/09/81 | 12 VDC, BATTERY-POWERED PAGER V MULTI-PHONE |
| 9B-132 | CATALYST RESEARCH CORP | 12/09/81 | 12 VDC, BATTERY-POWERED MULTI-PHONE PAGER TELEPHONE |
| 9B-133 | MOTOROLA, INC | 01/07/82 | MODEL MX-300 SERIES, 800 MHZ, 7.5 VDC, UHF PORTABLE TRANSCEIVER "HANDIE-TALKIE" |
| 9B-134 | PANICO TRANSFERRED TO B&B ELECTRIC | 01/28/82 | MODEL PN-380, 12 VDC, BATTERY-POWERED MINE TELEPHONE |
| 9B-135 | REPCO, INC | 04/13/82 | MODELS RPX150 AND RPX450, 12 VDC, HAND-HELD TRANSCEIVERS |

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| 9B-136 | AMERICAN MINE RESEARCH, INC | 05/12/82 | MODEL MP-1105, 12 VDC, MINE DIAL/PAGE TELEPHONE SYSTEM |
| 9B-137 | BUTLER WINDING CORPORATION | 05/06/82 | MODEL 45-7000, MINE PAGING TELEPHONE |
| 9B-138 | NORTH AMERICAN PHILIPS CORP | 05/06/82 | MODEL LFH0585/00, 9 VDC, BATTERY-POWERED PORTABLE TAPE RECORDER |
| 9B-139 | CONTROL CORP | 06/24/82 | MODEL HD1503, LOCAL HEAT DETECTION SYSTEM |
| 9B-140 | CONTROL CORP | 10/08/82 | MODELS FD1511, 1511A, 1512 AND 1512A, 12 VDC, LOCAL FIRE DETECTION ALARM SYSTEMS |
| 9B-141 | AMERICAN MINE RESEARCH, INC | 06/08/82 | MODEL MP-1120, 12 VDC, MINE DIAL/PAGE TELEPHONE SYSTEM |
| 9B-142 | THE ANTENNA SPECIALISTS CO | 09/22/82 | MODEL R100A, 9 VDC, PERSONAL DISTRESS DEVICE |
| 9B-143 | GAI-TRONICS CORP | 10/19/82 | TYPE 400, MINE DIAL/PAGE TELEPHONE SYSTEM |
| 9B-144 | CREATIVE PRODUCTS | 12/06/82 | MODEL CPA-03 AND CPA-04, 9 VDC, BODY LIGHT |
| 9B-145 | MITSUI MIIKE MACHINERY CO | 03/04/83 | TYPE MTM11-ISX1, 9.6 VDC, BATTERY-POWERED RADIO REMOTE CONTROL TRANSMITTER |
| 9B-146 | CONTROL CORP | 01/25/83 | LM1539 AND LM1539B, 12 VDC, BATTERY-POWERED 5 LINE PAGE PHONE |

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| 9B-147 | EIMCO COAL | 01/05/83 | MODEL 6522-531-001, 4 VDC, REMOTE CONTROL PENDANT |
| 9B-148 | A. R. F. PRODUCTS | 06/01/83 | MODEL ART-29, 11.7 VDC, VEST MANPACK TRANSCEIVER |
| 9B-149 | GRINAKER ELECTRONICS LTD | 05/05/83 | GRINAKER (SECOM), 10 VDC, MEDIUM FREQUENCY SUBSTRATA RADIO COMMUNICATION EQUIPMENT |
| 9B-150 | GENTEX CORP | 06/13/83 | MODEL NO. 6010-1, 7.2 VDC, BATTERY-POWERED CONVERSATIONAL COMMUNICATIONS UNIT AUDIT AMPLIFIER |
| 9B-151 | DRAEGERWERK AG | 07/14/83 | 1.5 MILLIVOLT, SOUND-POWERED COMMUNICATIONS SYSTEM |
| 9B-152 | APPALACHIAN ELECTRONIC INSTRUMENTS | 10/03/83 | MODEL NO. 600, 9 VDC, BATTERY-POWERED PACKET PAGER |
| 9B-153 | MINE SAFETY APPLIANCES | 08/31/83 | MODEL NO. 1680, 11.7 VDC, BATTERY-POWERED RADIO TRANSCEIVER |
| 9B-154 | MOTOROLA, INC | 09/22/84 | "EXPO", 7.5 VDC, BATTERY-POWERED PORTABLE TRANSCEIVER |
| 9B-155 DIV OF | GULTON INDUSTRIES TRANSFERRED TO TELEPHONES | 11/01/83 | PART NOS. AM7011, AM7012, AM7021, AM7022, 12 VDC, FEMCO, BATTERY-POWERED PAGING GAITRONICS |
| 9B-156 | JABCO, INC | 12/20/83 | MODEL NO. MTL-180 SOLID STATE |

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| | | | AUDIO ALARM |
| 9B-157 | MOTOROLA, INC | 05/03/84 | MODEL NO. HT-440, 12.5 VDC, BATTERY-POWERED PORTABLE RADIO TRANSCEIVER |
| 9B-158 | PYOTT-BOONE | 06/29/84 | MODEL NO. 128, 12 VDC, BATTERY- POWERED, PORTABLE HAND-HELD PAGE PHONE |
| 9B-159 | MINE SAFE ELECTRONICS, INC | 08/13/84 | MODEL COMMUNICATOR III PAGE PHONE |
| 9B-160 | PYOTT-BOONE | 10/26/84 | MODEL NO. 261, AC POWERED PERMISSIBLE BELT FIRE DETECTION SYSTEM |
| 9B-161 | EARMARK, INC | 10/17/84 | MODEL NOS. VAS-2, VASP-2, C AND CP VOICE AMPLIFIERS |
| 9B-163 | PYOTT-BOONE | 12/31/84 | MODEL NOS. 118 AND 119 PERMISSIBLE LINE-POWERED PAGE PHONE |
| 9B-164 | MINE SAFE ELECTRONICS, INC | 11/09/84 | MODEL COMMUNICATION II A, P/N 51-110A PORTABLE MINE PHONE |
| 9B-165 | MOOG, INC | 12/06/84 | MODEL NOS. 129-187 AND 129-190 RADIO SENDING UNIT |
| 9B-166 | MOOG, INC | 02/07/85 | MODEL A74586 SENDING UNIT |
| 9B-167 | EICKHOFF CORP | 06/18/85 | MODEL 8SD6204 RADIO REMOTE CONTROL TRANSMITTER |
| 9B-168 | MATRIC LIMITED | 08/27/85 | MODEL 500-713 RF TRANSMITTER |

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| 9B-170 | MATRIC LIMITED | 11/18/85 | MODEL NOS. 500-193 AND 500-202 TRANSMITTER SYSTEM FOR MULTIPLEX CONTROL |
| 9B-171 | STOLAR, INC TRANSFERRED TO RIMTECH, INC. TRANSFERRED TO NEW MEXICO STATE UNIVERSITY | 05/30/86 | MODEL ISR-1 IN-SEAM RECEIVER |
| 9B-172 | EICKHOFF CORP | 01/07/87 | MODEL 1FS-11US REMOTE CONTROL RADIO TRANSMITTER |
| 9B-173 | MITSUI MIIKE MACHINERY LTD | 02/10/87 | MODEL MTM14-X1-CP RADIO REMOTE CONTROL TRANSMITTER |
| 9B-174 | SIEMENS CORP | 12/30/87 | MODEL 8SD6300 RADIO REMOTE CONTROL TRANSMITTER |
| 9B-176 | STOLAR, INC TRANSFERRED TO RIMTECH, INC. TRANSFERRED TO CONSPEC CONTROLS | 02/24/88 | MODEL PCR-1 PERSONNEL CARRIED RADIO |
| 9B-177 | STOLAR, INC TRANSFERRED TO RIMTECH, INC. TRANSFERRED TO CONSPEC CONTROLS | 03/03/88 | MODEL PR-3 PORTABLE RADIO |
| 9B-178 | UTAH POWER AND LIGHT, TRANSFERRED | 07/29/88 | MODEL LM1576 BELT CONTROL INTERFACE |

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| | TO ENERGY WEST MINING COMPANY | | |
| 9B-179 | HAUTE TECHNOLOG- IES MINE Et IND. | 08/16/88 | MODEL H TELS SAFE DV REMOTE CONTROL TRANSMITTER |
| 9B-180 | HAUTE TECHNOLOG- IES MINE Et IND. | 09/01/88 | MODEL ML TELS SAFE DV REMOTE CONTROL TRANSMITTER |
| 9B-181 | HAUTE TECHNOLOG- IES MINE Et IND. | 09/26/88 | MODEL CT TELS SAFE DV REMOTE CONTROL TRANSMITTER |
| 9B-182 | BRITISH JEFFREY DIAMOND | 01/18/89 | MODEL H150 RADIO REMOTE CONTROL SYSTEM |
| 9B-183 | MAGNUM DISTRIBUTION | 09/21/89 | MODEL EM-200W "EAR-MIKE" HANDWIRE LIFELINE INTERCOM SYSTEM |
| 9B-184 | MOOG CONTROLS | 08/06/90 | 9.6 V, BATTERY-POWERED MODEL E140K901 RADIO REMOTE CONTROL SYSTEM |
| 9B-185 | SOUTHERN OHIO COAL COMPANY | 08/31/90 | 120 V, MODEL AEP-3101-1 PERMISSIBLE BELT CONTROL SYSTEM |
| 9B-186 | CATTRO, INC | 11/16/90 | MODEL CAT 864-MI, RF TRANSMITTER ASSEMBLY, 12.5 VOLT, BATTERY- POWERED |
| 9B-187 | STOLAR, INC TRANSFERRED TO RIMTECH, INC. TRANSFERRED TO CONSPEC COTNROLS | 12/04/90 | MODEL RPT-6 PERMISSIBLE REPEATER TRANSCEIVER |

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| 9B-188 | MOTOROLA, INC | 03/05/91 | MODEL MT1000, SERIES PORTABLE RADIO |
| 9B-190 | SIMMONS-RAND | 10/17/91 | MODEL 200 PERMISSIBLE REMOTE CONTROL CONSOLE |
| 9B-191 | MOOG, INC | 08/20/92 | MODEL 140-XXX OPERATOR/ TRANSCEIVER UNIT |
| 9B-192 | MOOG, INC | 10/19/92 | MODEL 129-238 RADIO SEND UNIT |
| 9B-193 | MECO INTERNL. TRANSFERRED TO JOY | 11/13/92 | MODEL HHDU-1 HAND HELD TERMINAL |
| 9B-194 | CONSOLIDATION COAL COMPANY | 12/22/92 | HAWKEAR MODEL TCU-101 TELE- PHONE COUPLER |
| 9B-195 | LOGI-TEC, INC | 05/06/93 | MODEL DV5A FIRE SENSOR MONITOR |
| 9B-196 | EL-EQUIP, INC | 06/16/93 | MODEL VHF-1 RADIO SYSTEM |
| 9B-197 | VOEST ALPINE C/O SERVICE MACHINE | 06/08/93 TRANSMITTER | TYPE 3261 REMOTE CONTROL |
| 9B-198 | BWI EAGLE, INC | 11/17/93 | MODEL NO. 30-1000 "EAGLE-EYE" INFRARED REMOTE TRANSMITTER |
| 9B-199 | CON SPACE COMM- UNICATIONS, LTD | 11/12/93 | MODEL CSI-2000 CONFINED SPACE INTERCOM SYSTEM |
| 9B-200 | STRUCTURED MININE SYSTEMS, INC | 12/08/93 | MODEL TX-100 TRANSMITTER |
| 9B-201 | DAC | 02/28/94 | TYPE RFM 2000 RADIO SYSTEM |

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| 9B-202 | RIMTECH, INC. TRANSFERRED TO NEW MEXICO STATE UNIVERSITY | 04/14/94 | RIM 20/20 RECEIVER |
| 9B-203 | RIMTECH, INC. TRANSFERRED TO NEW MEXICO STATE UNIVERSITY | 05/16/94 | RIM 20/20 TRANSMITTER |
| 9B-204 | PEMPEK SYSTEMS NAME CHANGED TO FORCED POTATO, INC. | 05/25/94 | TYPE 3261& ALT TYPE ABL REMOTE CONTROL TRANSMITTERS |
| 9B-205 | MOOG, INC. | 06/24/94 | MDL. 140-1XX OPERATOR/ TRANSCIEVER UNIT. |
| 9B-206 | RIMTECH, INC. TRANSFERRED TO CONSPEC CONTROLS | 07/07/94 | HAND-HELD RADIO |
| 9B-207 | AMERICAN MINING ELECTRONICS, INC. | 12/27/94 | MDL. 8077 INFRARED REMOTE CONTROL UNIT |
| 9B-208 | MATRIC LTD. | 01/05/95 | MDLS 205-757, 205-829, AND 205-875 RADIO TRANSMITTER FOR REMOTE CONTROL |
| 9B-209 | STRUCTURED MINING SYSTEMS INC. | 04/25/95 | MDL. TX-8XX TRANSMITTER ASSEMBLY |
| 9B-210 | RIMTECH INC. TRANSFERRED TO CONSPEC CONTROLS | 05/25/95 | PART NO. 911075 PAGING RECEIVER |

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| 9B-211 | BSI COMMUNICATIONS | 09/27/95 | DML. 200-001 COMMUNICATION SYS |
| 9B-212 | MOTOROLA, INC. | 01/22/96 | MT2000 SERIES, 8V, BATTERY POWERED PORTABLE RADIO |
| 9B-213 | MOTOROLA, INC. | 01/22/96 | HT1000 SERIES, 8V, BATTERY POWERED PORTABLE RADIO |
| 9B-214 SEND | MOOG CONTROLS LTD. | 04/03/96 | MDL. E140K980-XYZ RADIO CONTROL UNIT |
| 9B-215 | STRUCTURED MINING SYSTEMS, INC. | 06/11/96 | MDL. TX-5XX TRANSMITTER |
| 9B-216 | MOTOROLA, INC. | 06/13/96 | MT2000/HT1000 SERIES PORTABLE RADIO |
| 9B-217 GmbH & CO. | FERNSPRECH- & TELEPHONE | 12/16/96 | TYPE F5069 SOUND PWRED SIGNALBAU |
| 9B-218 | LONG-AIRDOX CO. | 11/07/97 | MODEL 491813 TRANSMITTER |
| 9B-219 | MINE RADIO SYSTEMS | 11/07/97 | FLEXCOM COMMUNICATIONS SYSTEMS |
| 9B-220 | JOY MINING MACH. | 02/11/99 | MODELS TX1, TX2, RADIO TRANSMITTER |
| 9B-221 | GAI-TRONICS CORP. | 04/01/99 | MODEL 491-204 MINE DIAL PAGE PHONE |
| 9B-222 | IMC TECHNICAL SERVICES, LTD | 10/05/99 | MODEL M-COMM COMMUNICA- TIONS SYSTEM |

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| 23-A040001 | Audiopack Techn. | 01/23/04 | Model BG4 Amplifier |